

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently amended): A lubricant composition having good frictional properties, comprising:

a base oil and

at least one additive having friction-modifying properties,

wherein

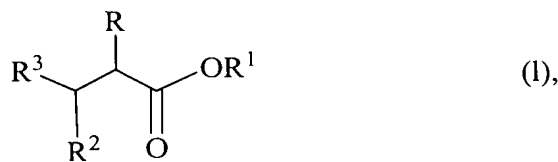
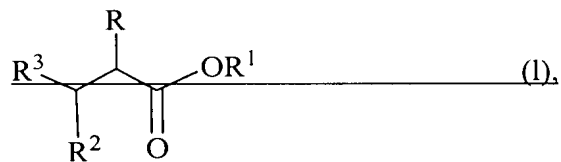
the additive having friction-modifying properties is a block copolymer ~~which includes~~
comprising:

hydrophobic segments P and

polar segments D,

said wherein the hydrophobic segments ~~being~~ are obtained by polymerization of monomer compositions which comprises

a) from ~~[[0]]~~ 0.5 to 40% by weight, based on the weight of the monomer compositions for preparing the hydrophobic segments, of one or more ethylenically unsaturated ester compounds of the formula (I):



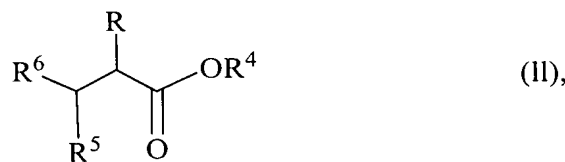
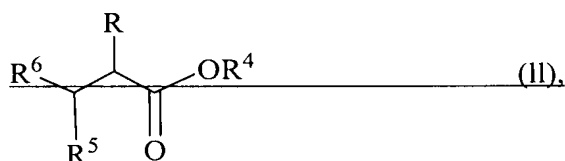
~~in which~~ wherein

R is hydrogen or methyl,

R¹ is a linear or branched alkyl radical having from 1 to 5 carbon atoms,

R² and R³ are each independently hydrogen or a group of the formula -COOR' in which R' is hydrogen or an alkyl group having from 1 to 5 carbon atoms,

b) from 50 to 100% by weight, based on the weight of the monomer compositions for preparing the hydrophobic segments, of one or more ethylenically unsaturated ester compounds of the formula (II):



~~in which~~ wherein

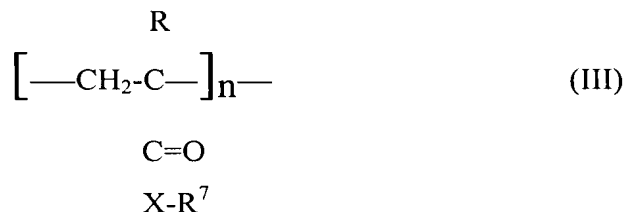
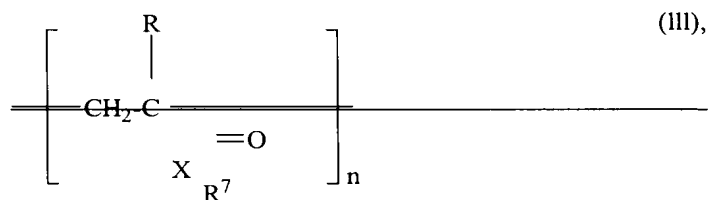
R is hydrogen or methyl,

R⁴ is a linear or branched alkyl radical having from 6 to 30 carbon atoms,

R⁵ and R⁶ are each independently hydrogen or a group of the formula -COOR'' in which R'' is hydrogen or an alkyl group having from 6 to 30 carbon atoms,

c) from 0 to 50% by weight, based on the weight of the monomer compositions for preparing the hydrophobic segments, of comonomers,

and the polar segments being illustratable by the formula (III):



~~in which~~ wherein

R is independently hydrogen or methyl,

R⁷ is independently a group comprising from 2 to 1000 carbon atoms and having at least one heteroatom,

X is independently a sulfur or oxygen atom or a group of the formula NR⁸ in which R⁸ is independently hydrogen or a group having from 1 to 20 carbon atoms, and

n is an integer greater than or equal to 3.

Claim 2 (Currently amended): The lubricant composition as claimed in claim 1, wherein the R⁷ radical in formula (III) has at least one group of the formula -OH or -NR⁸R⁸ in which the R⁸ radicals independently ~~includes~~ represents a hydrogen or a group ~~having~~ comprising from 1 to 20 carbon atoms.

Claim 3 (Currently amended): The lubricant composition as claimed in claim 1, wherein the X group in formula (III) ~~can be illustrated~~ is represented by the formula NH.

Claim 4 (Currently amended): The lubricant composition as claimed in claim 1, wherein ~~[[the]]~~ a numerical ratio of heteroatoms to carbon atoms in the R⁷ radical of the formula (III) is in the range from 1:1 to 1:5.

Claim 5 (Currently amended): The lubricant composition as claimed in claim 1, wherein the R⁷ radical of the formula (III) comprises at most 10 carbon atoms.

Claim 6 (Currently amended): The lubricant composition as claimed in claim 1, wherein the polar segment D is ~~obtainable~~ obtained by polymerization of aminoalkyl (meth)acrylates, aminoalkyl (meth)acrylamides and/or hydroxyalkyl (meth)acrylates.

Claim 7 (Currently amended): The lubricant composition as claimed in claim 6, wherein the polar segment D is ~~obtainable~~ obtained by polymerization of a monomer selected from the group consisting of 2-hydroxyethyl methacrylate, and/or N-(3-dimethylaminopropyl)methacrylamide and a mixture thereof.

Claim 8 (Currently amended): The lubricant composition as claimed in claim 1, wherein the block copolymer is a block copolymer type selected from the group consisting of a diblock, a triblock, a multiblock, a comb and/or and a star copolymer.

Claim 9 (Currently amended): The lubricant composition as claimed in claim 8, wherein ~~m and n are independently 1 or 2~~ the block copolymer is a diblock, triblock or tetrablock copolymer.

Claim 10 (Previously presented): The lubricant composition as claimed in claim 8 , wherein the hydrophobic segment P has a weight-average degree of polymerization in the range from 20 to 5000.

Claim 11 (Previously presented): The lubricant composition as claimed in claim 8 , wherein the polar segment D has a weight-average degree of polymerization in the range from 10 to 1000.

Claim 12 (Currently amended): The lubricant composition as claimed in claim 1, wherein ~~[[the]]~~ a weight ratio of the polar segments D to the hydrophobic segments P is in the range from 1:1 to 1:100.

Claim 13 (Currently amended): The lubricant composition as claimed in claim 1, wherein the lubricant composition further comprises at least one selected from the group consisting of a viscosity index ~~improvers~~ improver, ~~an antioxidant~~ antioxidants, a corrosion inhibitor ~~inhibitors~~, a detergent ~~detergents~~, a dispersant ~~dispersants~~, a EP ~~additive-additives~~, a defoamer ~~defoamers~~, a friction ~~modifier~~ modifiers and/or ~~and~~ a demulsifier ~~demulsifiers~~.

Claim 14 (Currently amended): The lubricant composition as claimed in claim 1, wherein the block copolymer comprising the segments P and D is present in an amount of from 0.01 to 100% by weight, ~~in particular from 0.01 to 50% by weight.~~

Claim 15 (Currently amended): A process for producing lubricant composition as claimed in claim 1, ~~wherein~~ comprising:

polymerizing monomer compositions ~~are polymerized~~ in a lubricant oil ~~by means of~~
in the presence of initiators which have a transferable atom group and
one or more catalysts which comprise at least one transition metal, in the presence of ligands
which can form a coordination compound with the metallic catalyst(s),

[[to]] separately forming ~~form~~ hydrophobic and polar segments by variation of the
monomer composition during the polymerization.

Claim 16 (Currently amended): A process for preparing lubricant composition as
claimed in claim 1, comprising: wherein

polymerizing monomer compositions ~~are polymerized~~ in a lubricant oil in the
presence of dithiocarboxylic ester,

[[to]] separately forming ~~form~~ hydrophobic and polar segments by variation of the
monomer composition during the polymerization.

Claim 17 (Previously presented): A gear oil, motor oil, hydraulic oil or grease
comprising a lubricant composition as claimed in claim 1.